

**DETAILED ACTION**

***Continued Examination Under 37 CFR 1.114***

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on July 6<sup>th</sup>, 2011 has been entered.

***Response to Amendment***

2. The amendment filed on July 6<sup>th</sup>, 2011 has been entered.
3. In view of the amendment to the claims, the amendment of claims 1, 2, 4, 5, 6, 13 – 17, the addition of claims 18 – 27, and the cancellation of claims 3, 7 and 10 – 12 have been acknowledged. Claims 8 and 9 were previously cancelled.
4. In view of the cancellation of claims 3, 7 and 10 – 12, the 35 U.S.C. 103 rejection of claims 3, 7 and 10 – 12 has been withdrawn.
5. In view of the amendment to claims 1 and 13, the 35 U.S.C. 103 rejection of claims 1, 2, 4 – 6 and 13 – 17 has been withdrawn.

***Response to Arguments***

6. Applicant's arguments, see page 8 of the Remarks, filed on July 6<sup>th</sup>, 2011, with respect to the rejections of the claims have been fully considered and are persuasive. The rejections of the claims have been withdrawn.

**EXAMINER'S AMENDMENT**

7. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Stephen R. Otis (Reg. No. 64,226) on August 16<sup>th</sup>, 2011.

The application has been amended as follows:

In the claims:

- a. Please **amend claim 5** by deleting the word "for" from the first line, so that it reads "The method [[for]] of claim 1".
- b. Please **amend claim 19** by adding the word "more" in the second line as follows: "The method of claim 1, wherein each data value in the voxel dataset is indicative of a value measured by one or more sensors other than the first sensor..."

***Allowable Subject Matter***

8. Claims 1, 2, 4 – 6 [renumbered as claims 3 – 5] and 13 – 27 [renumbered as claims 6 – 20] are allowed.

***Conclusion***

9. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

- a. Graham et al. (U.S. Patent No. 5,687,305) teaches projecting 3D computer models onto corresponding physical objects in physical space.
- b. Piper, et al. "Illuminating Clay: A 3-D Tangible Interface for Landscape Analysis." *Proceedings of CHI 2002*. (2002): 1-8. Print.
- c. Ben-Joseph, Eran. "Tangible Infoscapes." *Landscape Architecture*. (2002): 54-59. Print.
- d. Ben-Joseph, et al. "Urban Simulation and the Luminous Planning Table: Bridging the Gap between the Digital and the Tangible." *Journal of Planning Education and Research*. 21. (2001): 196-203. Print.
- e. Piper, et al. "Illuminating Clay (Internet Archive Version)." *Tangible media group projects*. MIT, 08 AUG 2001. Web. 16 Aug 2011.  
<<http://web.archive.org/web/20010828213141/http://tangible.media.mit.edu/projects/IlluminatingClay/IlluminatingClay.htm>>.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to MICHAEL A. NEWMAN whose telephone number is (571)270-3016. The examiner can normally be reached on Mon - Thurs from 9:30am to 6:30pm (EST).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Matthew C. Bella can be reached on (571) 272-7778. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/M. A. N./  
Examiner, Art Unit 2624

/Matthew C Bella/  
Supervisory Patent Examiner, Art Unit 2624